

Thursday 18 July

08:30

Neutrino Physics: Oscillations Session | Location: Panorama | Convener: Viktor Pec 08:30-08:45 Latest oscillation results from Daya Bay Speaker Jinjing Li 08:45-09:00 New results of reactor antineutrino oscillation amplitude and frequency using 3800 days of RENO data Speaker Sanghoon Jeon 09:00-09:15 Reactor flux and spectrum measurement with the Daya Bay full data set Speaker Mr Jinhao Huang 09:15-09:30 Recent results from the DANSS experiment Speaker Mark Shirchenko 09:30-09:45 ICARUS at the Short-Baseline Neutrino program: first results Speaker Lea Di Noto 09:45-10:00 Latest results from MicroBooNE's Low Energy Excess Search and Constraints on **eV-Scale Sterile Neutrino Oscillations** Speaker Miquel Nebot-Guinot 10:00-10:15 Status of the Short-Baseline Near Detector at Fermilab Speaker Rodrigo Alvarez-Garrote 10:45

10:15

Neutrino Physics: Oscillations Session | Location: Panorama | Convener: Viktor Pec

10:45-11:00 Measurement of the Solar pp Neutrino Flux in PandaX-4T

Speaker

Xiaoying Lu

11:00-11:15 T2K Neutrino Oscillation Analysis

Speaker

Denis CARABADJAC

11:15-11:30

Neutrino Oscillation Analysis with Combined Data from Super-Kamiokande and T2K

Speaker

Jianrun HU

11:30-11:45 A New Measurement of Neutrino Oscillations at NOvA

Speaker

Kathryn Sutton

11:45-12:00 T2K+NOvA Joint Measurement of Neutrino Oscillation Parameters

Speaker

Tomas Nosek

12:00-12:15

Tau neutrino appearance and the measurement of the neutrino mass-ordering at Super-Kamiokande

Speaker

Maitrayee Mandal

12:15-12:30 Neutrino oscillation physics in JUNO

Speaker

Steven Calvez

12:3014:30

Neutrino Physics: Oscillations and Interactions

Session | Location: Panorama | Convener: Tomas Nosek

14:30-14:45 The Deep Underground Neutrino Experiment (DUNE) Program

Speaker

Ines Gil Botella

14:45-15:00

The IceCube Upgrade: status and prospects for new advances with GeV neutrinos

Speaker

Nora Feigl

15:00-15:15 Exploring tau neutrino appearance measurements in KM3NeT/ORCA

Speaker

Dr Chiara F Lastoria

15:15-15:30

Measurement of atmospheric neutrino oscillations with KM3NeT/ORCA

Speaker

Alfonso Lazo Pedrajas

15:30-15:45

Enhanced search for CP violation in leptons with the new intermediate water cherenkov detector and improved J-PARC neutrino beam in the Hyper-Kamiokande Experiment.

Speaker

Takeshi Nakadaira

Thursday 18 July 15:45-16:00 Low-v: a tale of two energies Speaker Callum David Wilkinson 16:00-16:15 Quasielastic Lepton-Nucleus Scattering and the Correlated Fermi Gas Model Speaker Prof. Gil Paz **Neutrino Physics: Interactions** Session | Location: Panorama | Convener: Callum David Wilkinson 16:45-17:00 MicroBooNE Electron-Neutrino Cross-Section Results Speaker Marina Guzzo 17:00-17:15 MicroBooNE cross section results from muon neutrino inclusive and pionless channels Speaker Richard Diurba 17:15-17:30 MicroBooNE cross section results from muon neutrinos with pions in the final state and rare processes Speaker Michael Kirby 17:30-17:45 Triple Differential Muon Antineutrino Charge Current Inclusive Cross Section **Measurement in NOvA** Speaker Prabhjot Singh 17:45-18:00 Neutrino cross-section results from T2K

Speaker

Daniel Cherdack

18:00-18:15

Status of Measuring Cross Sections of Hadrons on Argon with ProtoDUNE-SP

Speaker

Jingyuan Shi

18:15-18:30 Results from TeV Neutrinos at the FASER Experiment

Speaker

Sergey Dmitrievsky

18:30

16:15 16:45

Friday 19 July

08:30 **Neutrino Physics: Interactions** Session | Location: Panorama | Convener: Juan Pedro Ochoa Ricoux 08:30-08:45 Study of proton-nucleus interactions with the DsTau/NA65 experiment at the **CERN-SPS** Speaker Dr Akitaka Ariga 08:45-09:00 Hadron Production Measurements at NA61/SHINE for Neutrino Oscillation **Experiments** Speaker Kyle Allison 09:00-09:15 The Pioneering Contributions of the ANNIE Experiment at Fermilab Speaker Marvin Ascencio Sosa 09:15-09:30 NuMI @ ICARUS: Flux, Cross Section, and BSM Physics Speaker **Daniel Cherdack** 09:30-09:45 The CONUS+ experiment Speaker Christian Buck 09:45-10:00 New results on searches for CEvNS and Physics beyond the Standard Model using **Skipper-CCDs at CONNIE** Speaker Irina Nasteva 10:00-10:15 Probing Physics within and beyond the Standard Model with coherent neutrino nucleus elastic scattering at the Kuo-Sheng Reactor Neutrino Laboratory with the **TEXONO Experiment** Speaker Dr Manoj Kumar Singh 10:15 10:45 **Neutrino Physics: Neutrino Mass** Session | Location: Panorama | Convener: Rhiannon Susan Jones

SpeakerBrais Palmeiro

10:45-11:00 Search for neutrinoless double beta decay with the NEXT experiment

11:00-11:15

Towards the AMoRE II Experiment: Neutrinoless double-beta decay search with 100 kg of 100Mo

Speaker

Wootae Kim

11:15-11:30 Searching for neutrinoless double-beta decay with CUPID

Speaker

Mr Vladyslav Berest

11:30-11:45 Status of the SuperNEMO Demonstrator and Analysis of First Data

Speaker

Xalbat Aguerre

11:45-12:00 R2D2: a xenon TPC for neutrinoless double beta decay search

Speaker

Anselmo Meregaglia

12:00-12:15 LEGEND-200: first steps towards the hunt for 0νββ

Speaker

Mariia Redchuk

12:15-12:30

Beyond the N1-dominated leptogenesis with the smallest modular finite group

Speaker

Simone Marciano

12:30 14:30

Neutrino Physics: Mass + Astro + SND@LHC

Session | Location: Panorama | Convener: Viktor Pec

14:30-14:45 Latest results from the CUORE experiment

Speaker

Alice Campani

14:45-15:00 Probing the effective electron anti-neutrino mass with KATRIN

Speaker

Christoph Wiesinger

15:00-15:15

Tackling the experimental challenge to detect relic neutrinos from the Big Bang with Ptolemy

Speaker

Dr Federico Virzi

15:15-15:30 Astrophysical neutrino search in KamLAND

Speaker

Mr Minori Eizuka

15:30-15:45

The Pierre Auger Observatory - Overview of ultra-high-energy neutrino searches

Speaker

Denise Boncioli

15:45-16:00 Recent results from the SND@LHC experiment Speaker Riddhi Biswas

16:15

16:45 **Neutrino Physics: Detection** Session | Location: Panorama | Convener: Rhiannon Susan Jones 16:45-17:00 Decipher the Quantum Behavior of Neutrinos with DUNE PRISM Speaker Cristovao Vilela 17:00-17:15 MicroBooNE Detector Physics Measurements and Calibrations Speaker Vincent Basque 17:15-17:30 Advancements in LArTPC event reconstruction on MicroBooNE data Maria Brigida Brunetti 17:30-17:45 Triggering First SBND Events Speaker Tereza Kroupova 17:45-18:00 The ND280 upgrade of the T2K Experiment Speaker Shivam Ashish Joshi 18:00-18:15 Deep Learning Event Reconstruction at NOvA Speaker Wenjie Wu 18:15-18:30 Status of JUNO's Taishan Antineutrino Observatory Speaker Dr Ruhui Li

18:30

Saturday 20 July

08:30

Neutrino Physics: Theory and Pheno Session | Location: Panorama | Convener: Dr Antonio Enrique Cárcamo Hernández 08:30-08:45 Multi-Messengers Neutrino Scattering on Ultra-Relativistic CvB Maria Petropavlova 08:45-09:00 Synergistic effects in enhancing octant and mass ordering sensitivity in the presence of a sterile neutrinos Speaker Mr Supriya Pan 09:00-09:15 Novel Aspects of Neutrino oscillations Speaker Prof. Fedor Simkovic 09:15-09:30 Dynamical scoto-seesaw mechanism with gauged B-L symmetry Speaker Soumya Sadhukhan 09:30-09:45 Phenomenology of Scotogenic 3-loop Neutrino Mass Models Speaker Tessio de Melo 09:45-10:00 Simplified models of \$d=7\$ lepton number violation Speaker Kare Fridell

10:15

10:45

Neutrino Physics: Theory and Pheno and BSM

Session | Location: Panorama | Convener: Dr Antonio Enrique Cárcamo Hernández

10:45-11:00

How is CP violation in thermal leptogenesis connected to CP violation in neutrino oscillations?

Speaker

Zhi-zhong Xing

11:00-11:15

Impact of mixed scattering processes on leptogenesis within hybrid seesaw framework

Speaker

Tirtha Sankar Ray

11:15-11:30

Neutrino Masses from a Hybrid Type I + III Inverse Seesaw Mechanism in $U(1)_{R-L}$ -symmetric MSSM

Speaker Cem Murat Ayber 11:30-11:45 On the Implications of $|U\mu i| = |U\tau i|$ in the Canonical Seesaw Mechanism Speaker Jianlong Lu 11:45-12:00 MicroBooNE's Search for Anomalous Single-Photon Production Speaker Xiao Luo 12:00-12:15 Highlights of nucleon decay searches at JUNO **Speaker** Yuyi Wang Neutrino Physics: BSM and ESSvSB+ Session | Location: Panorama | Convener: Juan Pedro Ochoa Ricoux 14:30-14:45 An Improved Search for Unstable Sterile Neutrinos at IceCube Speaker Philip Weigel 14:45-15:00 First measurement of light sterile neutrino mixing parameters with KM3NeT/ORCA Speaker Louis Bailly-Salins 15:00-15:15 First results from the SoLid experiment at BR2 Speaker Frédéric YERMIA 15:15-15:30 Probing Physics Beyond the Neutrino Mass at the KATRIN Experiment Speaker Caroline Fengler 15:30-15:45 Constraining new physics with Coherent Elastic Neutrino-Nucleus Scattering experiments. Speaker Gonzalo Sanchez Garcia 15:45-16:00 The European Spallation Source neutrino Super Beam plus (ESSvSB+) Project Speaker

16:15

Alessio Giarnetti

12:30

14:30

16:45

Neutrino Physics: New Tech

Session | Location: Panorama | Convener: Callum David Wilkinson

16:45-17:00

Final design of the ENUBET monitored neutrino beam and its implementation at CERN

Speaker

Anselmo Meregaglia

17:00-17:15

Overview and Status of the 2x2 NDLAr Demonstrator: A Pixel-Based LArTPC Prototype for the DUNE Near Detector

Speaker

Karolina Wresilo

17:15-17:30

Prototyping the SoLAr LArTPC Technology for Detecting MeV-Scale Neutrinos

Speaker

Richard Diurba

17:30-17:45

CLOUD: the first reactor antineutrino experiment using the novel LiquidO detection technology

Speaker

Diana Navas

17:45-18:00 SuperChooz Pathfinder

Speaker

Dr Anatael CABRERA

18:00-18:15

Status and Prospects of the Water Cherenkov Test Experiment (WCTE)

Speaker

Diego Costas Rodriguez

18:15-18:30 Research and Development of Jinping Neutrino Experiment

Speaker

Wentai Luo

18:32